

10/518151

Response to Office Action of 9/10/08

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## IN THE CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high toughness die-cast product, comprising an Al-Mg casting alloy having consisting essentially of 3.5 wt %  $\leq$  Mg  $\leq$  4.5 wt %, 0.8 wt %  $\leq$  Mn  $\leq$  1.5 wt %, Si < 0.5 wt %, Fe < 0.5 wt %, a sum (Ti + Zr) of the amounts of Ti and Zr added of equal to or greater than [(0.5)] 0.3 wt %, and a ratio (Ti/Zr) of the amounts of Ti and Zr added of at least 0.3 but not more than 2, with the balance being Al.

2. (Previously Presented) The high toughness die-cast product according to claim 1, wherein a pouring temperature T is  $720^{\circ}\text{C} \leq T \leq 730^{\circ}\text{C}$ .

3. (Previously Presented) The high toughness die-cast product according to claim 1, wherein it is thin such that it has a minimum thickness  $t_1$  of  $1.2\text{ mm} \leq t_1 \leq 3\text{ mm}$ , and it is large such that a maximum flow distance d of a melt within a die cavity is 200 mm or greater.

4. (Canceled)

5. (Previously Presented) The high toughness die-cast product according to claim 1, comprising:

a first chill layer;

a second chill layer disposed on opposite side of the first chill layer;

a minimum thickness  $t_1$  of  $1.2\text{ mm} \leq t_1 \leq 3\text{ mm}$ ;

wherein a proportion P of the sum of thickness of the first chill layer  $t_3$  and thickness of the second chill layer  $t_4$  relative to the minimum thickness  $t_1$  is at 18% or greater.